

AMENDMENTS TO THE SPECIFICATION

Amend the specification on page 4 as follows:

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 illustrates a block diagram of a disclosed suppression and protection circuit
5 connected between power inputs and the GFCI circuit according to an embodiment of the present invention;

FIG. 2 illustrates the circuits and components in FIG. 1 in an example embodiment with greater detail;

FIG. 3 illustrates a schematic diagram of a GFCI circuit having a suppression and
10 protection circuit and a grounded neutral reset lockout test according to an embodiment of the present invention;

~~FIG. 4 illustrates a schematic diagram of a GFCI circuit having a suppression and protection circuit and a grounded neutral reset lockout test according to an embodiment of the present invention;~~
15 FIG. 4 illustrates a schematic diagram of an alternative embodiment of the GFCI circuit of FIG. 3, utilizing a gas tube crowbar device;

FIG. 5a illustrates a spark gap device having a spark gap with a 0.10 inch width;

FIG. 5b illustrates a spark gap device having a spark gap with a 0.40 inch width;

FIG. 5c illustrates a spark gap device having a spark gap with a 0.05 inch width;

20 FIG. 5d illustrates a spark gap device with a vertical header pin and an angularly oriented header pin;

FIG. 5e illustrates a spark gap device with two angularly oriented header pins;

FIG. 6a illustrates a gas tube device having a spark gap formed by two vertical header pins;

25 FIG. 6b illustrates a gas tube device having a spark gap formed by a vertical header pin and an angularly oriented header pin;

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Cont

FIG. 7a illustrates a hybrid protection circuit for an MOV, having a low pass filter using a Zener diode and a resistor; and FIG. 7b illustrates a hybrid protection circuit for an MOV, having a low pass filter using a Zener diode and an inductor.

.5 Amend the specification on page 7, line 11 as follows:

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~~In another~~ Continuing with Fig. 2, in another embodiment for providing overvoltage protection, the overvoltage prevention circuit 20 includes the spark gap 48 which generates arcs across its terminals to perform a breakover at transients exceeding a predetermined voltage, such as 3 kV, and further provides multi-mode surge protection and transient suppression. When
10 breakover occurs, the resulting voltage to the transformer 28 is approximately 200 V. In addition, the filter 18 also functions to limit the current to which the MOV 22 is exposed during an overvoltage surge condition. Accordingly, when the current in the MOV 22 is thus limited, the exposure of the MOV 22 to RMS voltages beyond the RMS voltage rating of the MOV 22 does not damage the MOV 22, and further, does not damage the rest of the GFCI circuit 14.
